

IN THE CLAIMS

Claims pending: 1, 4-12, 16-21, and 24-28

Canceled or Withdrawn claims: None

Amended claims: 1, 12, and 21

5 **New claims:** None

This listing of claims replaces all prior versions and listings:

1. (Currently Amended) A computer-implemented method,
10 comprising:

receiving, with a computing device that includes software and hardware on
which the software operates, data input through a web page from a client device;

referencing a declarative module, embodied on computer storage media
associated with the computing device, to determine a client input security screen
15 to apply to the data input from the client device, wherein the declarative module
comprises:

a global section that includes at least one client input security screen
that applies to any type of client input value; and

an individual values section that includes at least one client input
20 security screen that applies to a particular type of client input value; and

applying, using the computing device, multiple client input security screens
to the data input from the client device, including at least one client input security
screen from the global section of the declarative module and at least one client
input security screen from the individual values section of the declarative module,
25 wherein the client input security screens are distinct from one another, and

wherein said act of referencing comprises first using the global section to screen one or more client input values and then using the individual values section to screen at least one of said one or more client input values.

5 2. (Canceled).

 3. (Canceled).

 4. (Previously Presented) The computer-implemented method as
10 recited in claim 1, wherein the particular type of client input value is one of the
 following types of client input values: query string; server variable; form value;
 cookie.

 5. (Previously Presented) The computer-implemented method as
15 recited in claim 1, wherein the declarative module further comprises a web.config
 file.

 6. (Previously Presented) The computer-implemented method as
 recited in claim 1, wherein the applying the client input security screen further
20 comprises executing a default action on invalid client input detected by the client
 input security screen.

7. (Previously Presented) The computer-implemented method as recited in claim 1, wherein the applying the client input security screen further comprises executing a specified action on invalid client input detected by the client input security screen, the specified action being specified in the client input security screen.

8. (Previously Presented) The computer-implemented method as recited in claim 1, wherein a client input security screen further comprises one or more values that may be entered as client input, the one or more values further comprising the only values that may be entered as client input.

9. (Previously Presented) The computer-implemented method as recited in claim 1, wherein a client input security screen further comprises one or more screened values that, when detected in the client input, cause an action to be taken on the client input.

10. (Previously Presented) The computer-implemented method as recited in claim 9, wherein the action to be taken further comprises removing the one or more screened values detected in the client input.

11. (Previously Presented) The computer-implemented method as recited in claim 9, wherein the action to be taken further comprises removing an

entire string that contains the one or more screened values detected in the client input.

12. (Currently Amended) A system, comprising:

5 a web page server unit, embodied on one or more computer storage media and configured to provide one or more web pages to one or more client devices over a distributed network;

means for receiving client input data;

a declarative module, embodied on computer storage media and configured
10 to include multiple client input security screens that declare screening rules for client input, wherein the declarative module comprises:

a global section that includes one or more client input security screens that are applied to all types of client input; and

an individual values section that includes one or more client input
15 security screens that are applied to specified types of client input; and

a client input security screening unit configured to apply the screening rules for client input to the client input data and to perform one or more actions on invalid client input data, wherein the screening rules are from distinct client input security screens from the global section and the individual values section,

20 [[[and]]] wherein the client input security screening unit is configured to first use the global section to screen one or more client input values and then use the individual values section to screen at least one of said one or more client

input values, and wherein the one or more computer storage media does not
comprise a signal.

13. (Canceled).

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14. (Canceled).

15. (Canceled).

10 16. (Original) The system as recited in claim 12, wherein a screening
rule further comprises a client input variable that may be accepted as input from a
client.

15 17. (Original) The system as recited in claim 12, wherein a screening
rule further comprises one or more screened characters that, when detected in
client input, are screened from the client input according to a screening rule.

20 18. (Original) The system as recited in claim 17, wherein the
screening rule further comprises a default screening action that is applied in the
absence of a specified screening action.

19. (Original) The system as recited in claim 17, wherein the screening rule further comprises a specified screening action that is applied to the screened client input.

5 20. (Previously Presented) The system as recited in claim 12, wherein the declarative module further comprises a web.config file.

21. (Currently Amended) One or more computer-readable storage media containing computer-executable instructions that, when executed on a
10 computer, implement a method comprising:

serving a web page to a client over a distributed network;

receiving client input via the web page;

comparing the client input with multiple and distinct client input security screens stored in a security declarative module, wherein the security declarative
15 module includes a global section configured to screen all types of client input values and an individual values section configured to screen particular types of client input values, wherein the global section is used to first screen one or more client input values and then the individual values section is used to screen at least one of the one or more client input values;

20 if invalid client input is detected, performing a screening action on the invalid client input as indicated by the security declarative module₂[[; and]]

wherein the client input security screens included in the security declarative module can be applied to multiple web pages, and

wherein the one or more computer-readable storage media does not comprise a signal.

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22. (Canceled).

23. (Canceled).

10 24. (Previously Presented) The one or more computer-readable media as recited in claim 21, wherein the security declarative module further comprises a web.config file.

15 25. (Original) The one or more computer-readable media as recited in claim 21, wherein the screening action further comprises an action specified in a client input security screen.

20 26. (Original) The one or more computer-readable media as recited in claim 21, wherein the screening action further comprises a default action that is not required to be specified in a client input security screen.

27. (Original) The one or more computer-readable media as recited in claim 21, wherein the multiple web pages are included in a web project.

28. (Original) The one or more computer-readable media as recited
5 in claim 21, wherein the multiple web pages are included in a web-based application.